

SEP 1 2002

Sheet 1 of 3

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE <b>INFORMATION DISCLOSURE STATEMENT</b> STATEMENT BY APPLICANT (Use several sheets if necessary)									ATTY. DOCKET NO. 3718-020824	SERIAL NO. 10/167,316							
									APPLICANT(S) Shinichi YOKOTA et al.								
									FILING DATE 06/10/02	GROUP ART UNIT 2834							

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER								DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
EDM	AA	2	8	7	0	2	3	6		01/20/59	Heininger	174	17	
RLB	AB	2	9	4	9	5	5	0		08/16/60	Brown	310	5	
RLB	AC	3	5	1	8	4	6	2		06/30/70	Brown	310	10	
RLB	AD	4	2	8	2	3	8	6		08/04/81	Donate et al.	568	606	
RLB	AE	4	8	8	3	6	0	4		11/28/89	Veitenhansl et al.	252	8.9	
RLB	AF	5	3	7	4	3	6	7		12/20/94	Edamura et al.	252	79	
RLB	AG	5	4	1	3	7	2	4		05/09/95	Kosal et al.	252	8.6	
RLB	AH	5	4	4	5	7	4	7		08/29/95	Kvietok et al.	252	86	
	AI													
	AJ													
	AK													

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**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER								DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
														YES	NO	
No Ref	AL	0	2	0	2	8	7	8		11/26/86	EPO					
No Ref	AM	0	5	8	8	4	8	2		03/23/94	EPO					
No Ref	AN	0	6	9	5	0	2	5		01/31/96	EPO					
EDM	AO	5	5	0	2	1	4	03		02/15/80	Japan				Abstract	
No Ref	AP	8	2	2	6	3	7	5		09/03/96	Japan					

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

No Ref	AQ	Crowley, Joseph M. et al. "Selecting a Working Fluid to Increase the Efficiency and Flow Rate of an EHD Pump", IEEE Transactions on Industry Applications. Jan/Feb 1990, No. 1., pp. 42-49
		Secker, P.E. et al., "A Miniature Multipole Liquid-Immersed Dielectric Motor", July 14, 1969; J. Phys. D: Appl. Phys., 1970, Vol. 3, pp. 216-220
No Ref	AS	Shulman Zinoviy P. et al. "Rotation of the Axisymmetric Dielectric Bodies (DEB) in Electrorheological Suspensions (ERS)": Proceedings of the 5 <sup>th</sup> International Conference on Electro-Rheological Fluids, Magneto-Rheological Suspensions and Associated Technology", July 10-14, 1995, pp. 72-84

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

17/2002

Sheet 2 of 3

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## U.S. PATENT DOCUMENTS

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	AA												
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Mo Ref	AL	8	2	8	4	7	9	8	10/29/96	Japan					
	AM														
	AN														
	AO														
	AP														

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

No Ref	AQ	Haga, Masakazu et al., "Effect of Electric Field on Marangoni Convection Under Microgravity", J. Jpn. Soc. Microgravity
		Appl. Vol. 12, No. 1, 1995, pp. 19-26
No Ref	AR	Yabe, Akira et al., "Augmentation of Convective and Boiling Heat Transfer by Applying an Electro-Hydrodynamical Liquid Jet",
		09/07/89; Int. J. Heat Mass Transfer, Vol. 31, No. 2, pp. 407-417, 1988
No Ref	AS	Tsuchida, Nuio, "The Electron Affinity and Ionization Energy of Various Impurities in Silicone Oil": IEEE Transactions on
		Electrical Insulation, Vol. 28, No. 2, April 1993, pp. 243-252

EXAMINER

*R. M. Hanl*

DATE CONSIDERED

*3/22/04*

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	AL									
	AM									
	AN									
	AO									
	AP									

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>John</i>	AQ	Grant & Hackh's Chemical Dictionary, fifth edition, definition of methyl acetate, 1987
	AR	
	AS	

EXAMINER *John* DATE CONSIDERED *3/12/04*

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